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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of 3

### Complete If Known

Application Number	09/810,434
Filing Date	March 15, 2001
First Named Inventor	Glenn McGall
Group Art Unit	1645
Examiner Name	Unassigned

Attorney Docket Number

18547-042010US

### U.S. PATENT DOCUMENTS

Examiner Initials * <i>Ja</i>	Cite No. <i>1</i>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	5,143,854		Pirung et al.	8/1/92	
	2	5,242,979		Bamum et al.	9/7/93	
	3	5,252,743		Barrett et al.	10/12/93	
	4	5,288,514		Elman	2/22/94	
	5	5,324,633		Fodor et al.	6/28/94	
	6	5,324,663		Lowe	6/28/94	
	7	5,384,261		Winkler et al.	1/24/95	
	8	5,405,783		Pirung et al.	4/11/95	
	9	5,412,087		McGall et al.	5/2/95	
	10	5,424,186		Fodor et al.	6/13/95	
	11	5,445,934		Fodor et al.	8/29/95	
	12	5,451,683		Barrett et al.	9/19/95	
	13	5,482,867		Barrett et al.	1/8/96	
	14	5,489,678		Fodor et al.	2/6/96	
	15	5,491,074		Aldwin et al.	2/13/96	
	16	5,610,270		Fodor et al.	4/23/96	
	17	5,527,681		Holmes	8/18/96	
	18	5,545,531		Rava et al.	8/13/96	
	19	5,547,839		Dower et al.	8/20/96	
	20	5,550,215		Holmes	8/27/96	
	21	5,556,752		Lockhart et al.	9/17/96	
	22	5,571,639		Hubbell et al.	11/5/96	
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	41	6,045,996		Cronin et al.	4/4/00	

Examiner Signature

*Janet L. Eysen-Jarol*

Date Considered

6-28-04

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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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of

3

### Complete If Known

Application Number	09/810,434
Filing Date	March 15, 2001
First Named Inventor	Glenn McGall
Group Art Unit	1645 1635
Examiner Name	Unassigned

Attorney Docket Number

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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>5</sup> (If known)				
	42	PCT	WO 92/10183		Hill	6/25/92		<input type="checkbox"/>
	43	PCT	WO 99/00730		Tremblay et al	1/7/99		<input type="checkbox"/>
	44	PCT	WO 93/04145		Inoue et al.	3/4/93		<input type="checkbox"/>
	45	PCT	WO 97/10365		Lockhart et al.	3/20/97		<input type="checkbox"/>
	46	PCT	WO 92/10092		Fodor et al.	6/25/92		<input type="checkbox"/>
	47	PCT	WO 94/10128		Holmes et al.	5/11/94		<input type="checkbox"/>
	48	PCT	WO 00/61282		Glazer et al.	10/19/00		<input type="checkbox"/>
	49	PCT	WO 00/21967		McGall et al.	04/20/00		
	50	PCT	WO 00/06771		McGall et al.	02/10/00		
	51	PCT	WO 99/54509		McGall et al.	10/28/99		
	52	PCT	WO 99/40105		Goldberg et al.	02/12/99		
	53	PCT	WO 98/39348		McGall et al.	09/11/98		
	54	PCT	WO 98/20967		Beecher et al.	05/22/98		
	55	PCT	WO 97/39151		Goldberg et al.	10/23/97		
	56	PCT	WO 97/43450		Cronin et al.	11/20/97		
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	58	PCT	EP 742287		McGall et al.	11/13/96		
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	60	EPO	EP 549107		Western et al.	12/29/97		
	61	EPO	967217 A2		McGall et al.	12/29/99		

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

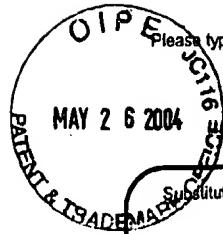
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	62	MCGALL et al., "The Efficiency of Light-Directed Synthesis of DNA Arrays on Glass Substrates" <i>Journal of the American Chemical Society</i> , 1997, Pages 5081-5090, Vol. 119, No. 22	<input type="checkbox"/>
	63	LOCKHART et al., "Expression monitoring by hybridization to high-density oligonucleotide arrays" <i>Nature Biotechnology</i> , 1996, Pages 1675-1680, Vol. 14	<input type="checkbox"/>
	64	SAIZIEU et al., "Bacterial transcript imaging by hybridization of total RNA to oligonucleotide arrays" <i>Nature Biotechnology</i> , 1998, Pages 45-48, Vol. 16	<input type="checkbox"/>
	65	CHEE et al., "Accessing Genetic Information with High-Density DNA Arrays" <i>Science</i> , 1996, Pages 610-614, Vol. 274	<input type="checkbox"/>

Examiner Signature

Date Considered

6-28-04

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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Substitute for form 1449A/PTO			Complete If Known	
			Application Number	09/810,434
			Filing Date	March 15, 2001
			First Named Inventor	Glenn McGall
			Group Art Unit	1645
			Examiner Name	Unassigned
Sheet	3	of	3	Attorney Docket Number
				18547-042010US

<i>GL</i>	66	McGALL et al., "High-density oligonucleotide probe arrays" Proc. SPIE-Int. Soc. Opt. Eng., 2000, Pages 106-110, Vol. 3926 (Advances in Nucleic Acid and Protein Analyses, Manipulation, and Sequencing)	
	67	WALLRAFF et al., "Lithographic techniques for the fabrication of oligonucleotide arrays" J. Photopolym. Sci. Technol., 2000, Pages 551-558, Vol 13	
	68	GLAZER et al., "High Surface Area Substrates for DNA Arrays" Mat. Res. Soc. Symp. Proc., 1999, Pages 371-6, Vol. 576	
	69	FIDANZA et al., "High-Density Nucleoside Analog Probe Arrays for Enhanced Hybridization" Nucleosides and Nucleotides, 1999, Pages 1293-1295, Vol. 18	
	70	HACIA et al., "Enhanced High Density Oligonucleotide Array Based Sequence Analysis using Modified Nucleotide Triphosphates" Nucleic Acids Res., 1998, Pages 4975-4982, Vol. 26	
<i>GL</i>	71	PIRRUNG et al., "Proofing of Photolithographic DNA synthesis with 3', 5' - dimethoxybenzoinyloxycarbonyl-protected deoxy-nucleoside phosphoramidites" J.Org. Chem, 1998, Pages 241-246, Vol. 63	

Examiner Signature	<i>Glenn McGall-Ford</i>	Date Considered	6-28-04
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PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 2719.2017-001	APPLICATION NO. 09/810,434				
O I P E INFORMATION DISCLOSURE CITATION IN AN APPLICATION MAY 26 2004 MARCH 13, 2003		APPLICANT Glenn McGall and Lisa Kajisa					
		FILING DATE March 15, 2001	CONFIRMATION NO. 6484				
		GROUP 1635					
U. S. PATENT DOCUMENTS							
EXAM- INER INITIAL		DOCUMENT NUMBER	ISSUE DATE / PUBLICATION DATE				
	AA						
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES      NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	"Oxidizing Agent Study" (unpublished data), McGall & Kajisa (date?)					
	AS						
	AT						
EXAMINER				DATE CONSIDERED	6-28-04		
